PIVOTED & PROJECTED WINDOWS

BY

Mesker

SAINT LOUIS

CATALOGUE WP

SUGGESTIONS TO THE ARCHITECT

Standard industry sizes are the most economical and should be used wherever possible. They also allow for more prompt shipment.

Ventilators with pivoting other than shown are special and are more expensive. Eight light projected ventilators are not recommended and will not be warranted as being satisfactory.

Structural steel imposts, frames, or other adjacent structural members are not furnished by the window manufacturer.

Wrought Iron, the oldest of all ferrous metals, insures definite protection against progressive corrosion. At slight extra cost Genuine Wrought Iron Windows are available. (See Mesker Catalogue on Wrought Iron.)

Outside Glazing is used on all better casement windows and is available in industrial windows. Suggested to eliminate unsightly inside putty —to protect outside metal surface—to reduce glazing cost when it is more economical to glaze from the outside.

Sizes of pivoted and projected windows are never based on "outside to outside" dimensions. Measuring points for dimensions are taken 5/8" "in" from the outermost edge. See Installation Details.

Screens if desired must be specified before window order is placed. Unlike most wood windows, metal windows come in screen and non-screen types of construction, thereby making it essential that the type of construction be specified on the original specifications. (Mesker Screens are included in another catalogue.)

Underwriters fire windows reduce insurance premiums. Consult your local fire board for information as to where to use Underwriters Windows. All pivoted and projected windows can bear the Underwriters Label. (See Mesker Catalogue on Underwriters Windows.)

Erection is one of the most important factors contributing to a perfect metal window job. Faulty erection of metal windows is common and always produces poor results. Erection should be done by the window manufacturers —specify this to insure most satisfactory service. Mesker trained erection crews are always available.

Your problems in window layouts, illumination and ventilation will gladly be studied by the Mesker Engineering Department. For the asking, experienced factory engineers are at your service without obligation, to design for you the best available type of window for your particular purpose at the least possible cost.

Other Mesker products not included in this catalogue are listed on the last cover page.

O. C. HAMMOND
ALBERT LEA, MINN.

MESKER SECTIONS

FULL SIZE

SECTION NO. 2
WGHT. 1.35*

SECTION NO. 8
WGHT 1.63*

SECTION NO. 11
WGHT. 0.64*

SECTION NO. 5
WGHT. 1.45*

SECTION NO. 1
WGHT 1.03*

SECTION NO. 3
WGHT. 1.45*

SECTION NO. 10
WGHT. 0.80*

SECTION NO. 7
WGHT. 1.35*

SECTION NO. 4
WGHT. 1.35*

SECTION NO. 9
WGHT. 1.63*

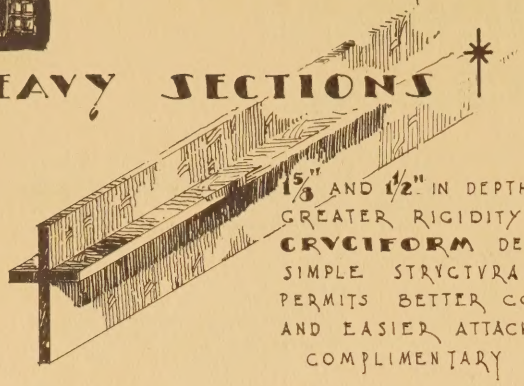
MESKER BROS IRON CO.

ORIGINATORS OF WROUGHT IRON SASH

PLATE NO. WP 5-34

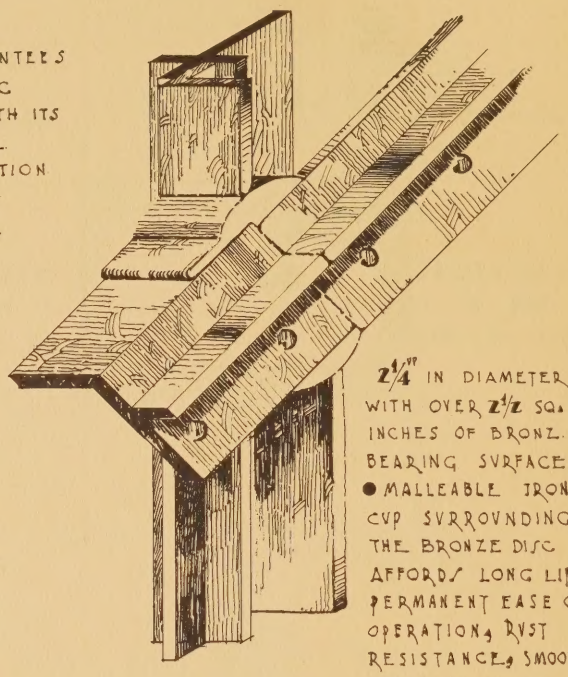
SVPERIOR FEATVRES

HEAVY SECTIONS *



1⅝" AND 1½" IN DEPTH GVARANTEES GREATER RIGIDITY • BASIC **CRVCIFORM** DESIGN WITH ITS SIMPLE STRVCTVRAL SHAPE. PERMITS BETTER CONSTRVCTION AND EASIER ATTACHING OF COMPLIMENTARY BARS.

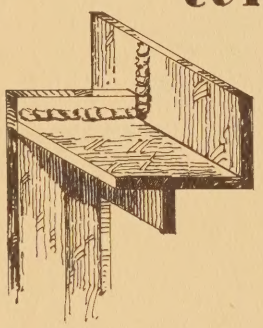
MESKER CVP PIVOT *



2¼" IN DIAMETER WITH OVER 2½ SQ. INCHES OF BRONZ. BEARING SVRFACE • MALLEABLE IRON CVP SVRROVNDING THE BRONZE DISC AFFORDS LONG LIFE PERMANENT EASE OF OPERATION, RVST RESISTANCE, SMOOTH APPEARANCE AND PERFECT WEATHERING.

• REGISTERED VNDER V.S. PATENT NO. 1-882-249.

'RIVET-WELD' CORNER JOINT *

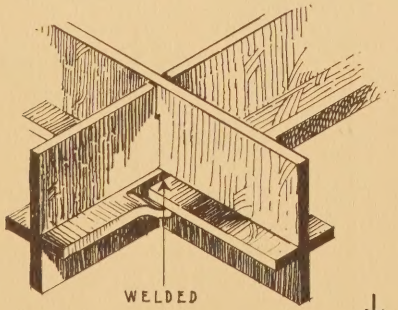


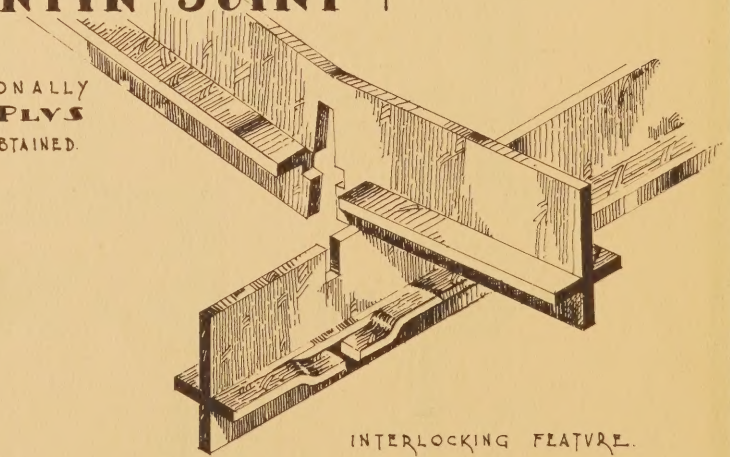
2½" OF SOLID WELD ON TWO PLANES ONLY AFTER EACH CORNER JOINT IS SECVRELY RIVETED PREVENTS WINDOW FROM RACKING OVT OF SQVARE.

• ALL VENTILATOR CORNERS ARE LIKEWISE SOLIDLY WELDED.

LOCK & WELD MVNTIN JOINT *

PERMANENTLY LOCKED AND ADDITIONALLY ARC WELDED MAKES ALL JOINTS EXCEPTIONALLY STRONG • ONLY BY MECHANICAL LOCKING **PLVS** ARC WELDING IS GREATEST STRENTGH OBTAINED.





INTERLOCKING FEATVRE.

* EXCLUSIVE MESKER FEATVRE.

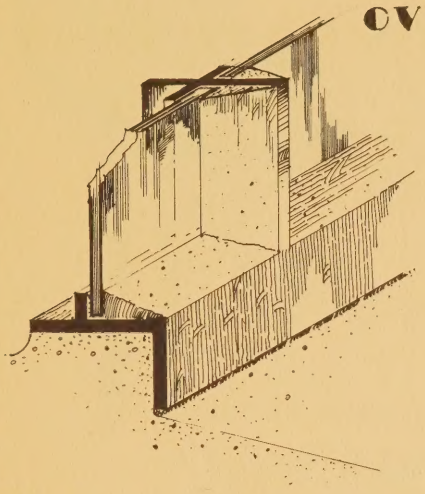
MESKER BROS IRON CO.

ORIGINATORS OF WROVGHT IRON SASH

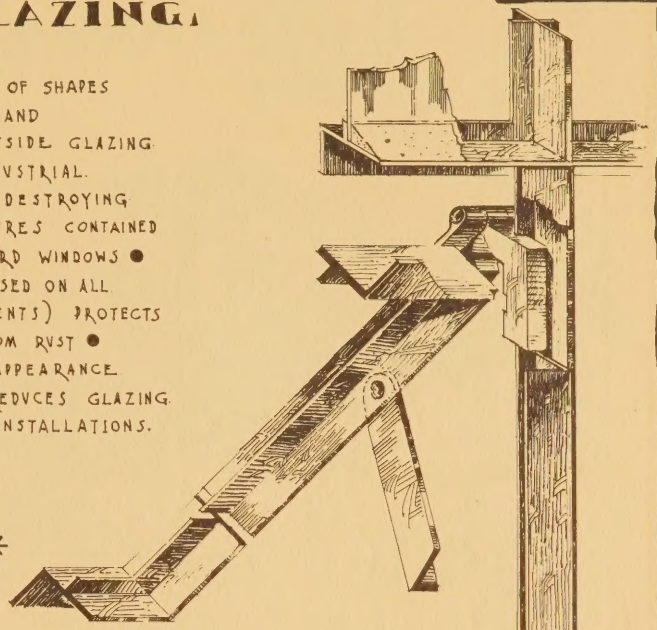
PLATE NO WP 7-34

SVPERIOR FEATVRES

OVTSIDE GLAZING.

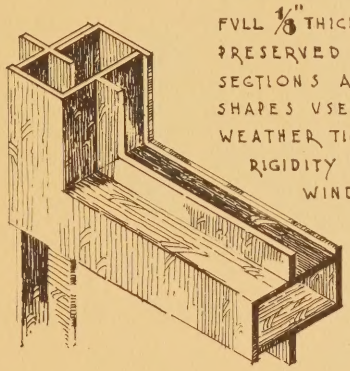


CRVCIFORM DESIGN OF SHAPES PERMITS COMPLETE AND SATISFACTORY OVTSIDE GLAZING OF ALL MESKER INDVSTRIAL WINDOWS, WITHOVT DESTROYING ANY SVPERIOR FEATVRES CONTAINED IN MESKER STANDARD WINDOWS ● OVTSIDE GLAZING (VSED ON ALL EXPENSIVE CASEMENTS) PROTECTS EXPOSED METAL FROM RVST ● PROVIDES NEATER APPEARANCE INSIDE ● GREATLY REDVCES GLAZING COST ON CERTAIN INSTALLATIONS.



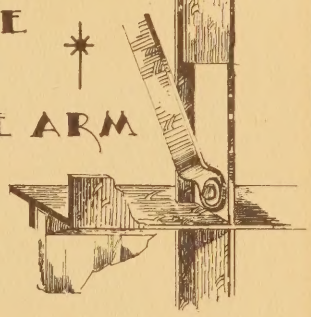
HOT ROLLED ANGLE WEATHERING ✶

FVLL 1/8" THICKNESS PRESERVED IN WEATHERING SECTIONS AS WELL AS IN OTHER SHAPES VSED ● PROVIDES MAXIMVM WEATHER TIGHTNESS AND ADDED RIGIDITY FOR THE FVLL LIFE OF THE WINDOW. ●



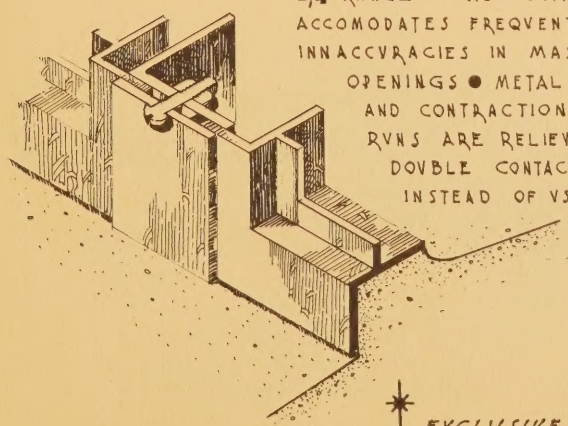
BRONZE SLIDING SHOE ✶

ANGLE TYPE SIDE ARM



ADJVSTABLE MVLLION ✶

1¼" RANGE OF ADJVSTMENT ACCOMODATES FREQVENT INNACCVRACIES IN MASONRY OPENINGS ● METAL EXPANSION AND CONTRACTION ON LONG RVNS ARE RELIEVED ● DOVBLE CONTACT WEATHERING INSTEAD OF VSVAL SINGLE CONTACT.



OVER 1½ SQVARE INCHES OF BEARING SVRFACE ● PERMITS VENTILATOR TO OPEN FVLL 180° ● TWO KNVCKLE HINGE AT TOP PERMITS TIGHT WEATHERING TO BE MAINTAINED AROVND ENTIRE CIRCVMFERENCE OF VENTILATOR ● REDVCES HORIZONTAL SWAY OF VENTILATOR ● ELIMINATES BINDING OF VENTILATOR ● PROMOTES SMOOTH STEADY ACTION OF BRONZE SLIDING SHOE ● FRICTION VARIED BY TVRNING ADJVSTING BOLT TO ENGAGE BRONZE WASHER.

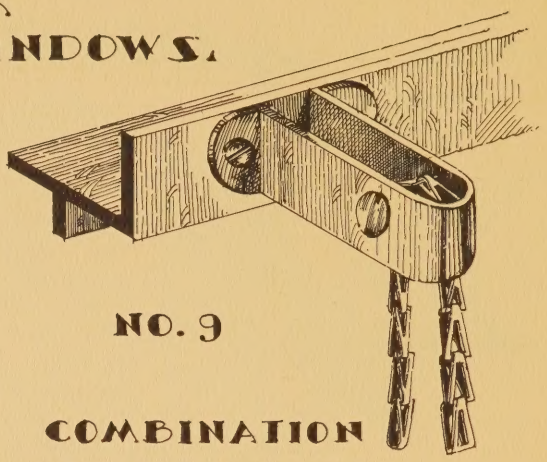
✶ EXCLVSIVE MESKER FEATVRE.

MESKER BROS. IRON CO.

ORIGINATORS OF WROVGHT IRON SASH

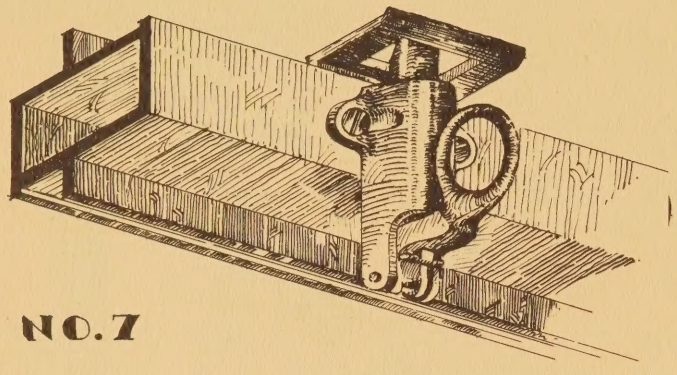
PLATE NO WP 9-34

MESKER HARDWARE FOR PIVOTED WINDOWS.



NO. 9

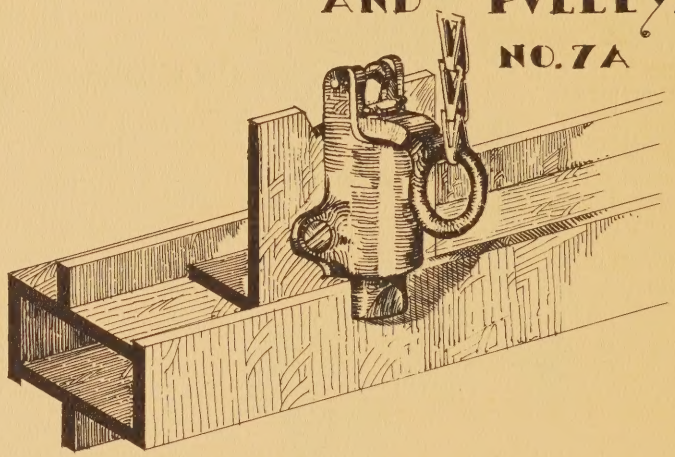
COMBINATION SPRING LATCH AND PULLEY.

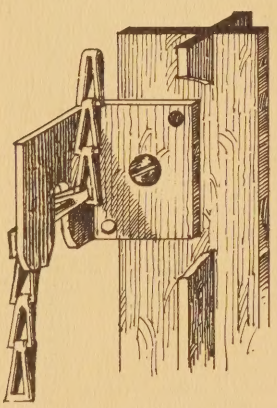


NO. 7

SPRING LATCH.

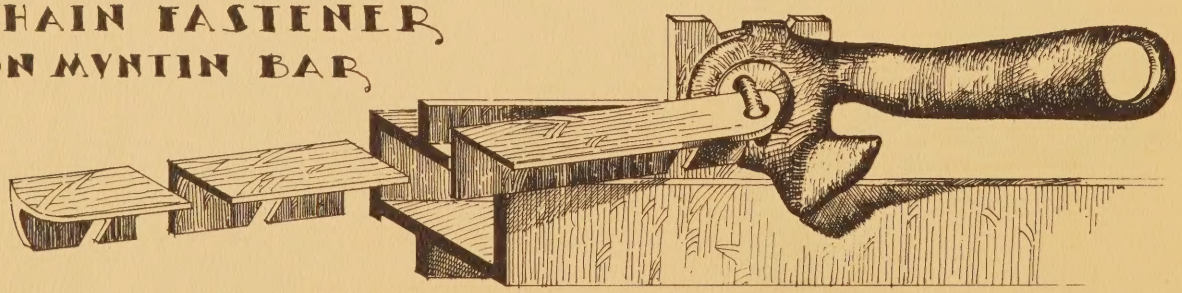
NO. 7A





NO. 18

CHAIN FASTENER ON MUNTIN BAR



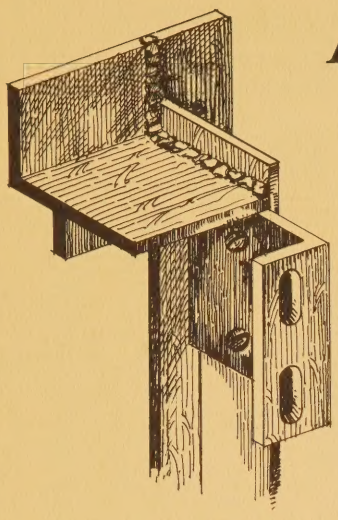
NO. 4 — CAM LOCK AND PUSH BAR — NO. 1

MESKER BROS IRON CO.

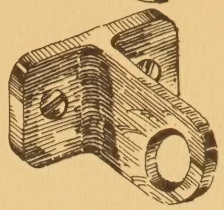
ORIGINATORS OF WROUGHT IRON SASH

PLATE NO WP 11-34

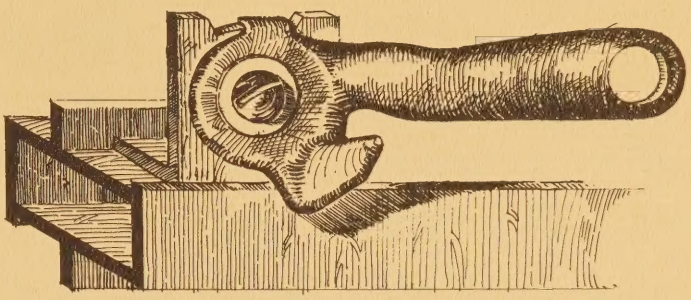
MESKER HARDWARE
FOR PROJECTED WINDOWS



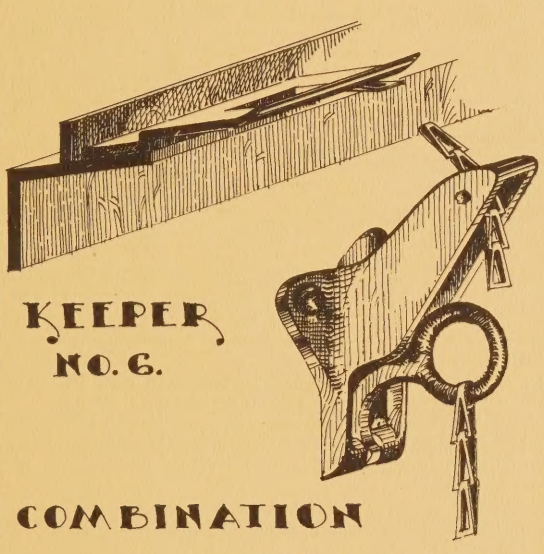
SHADE BRACKET
NO. 3.



POLE
RING
NO. 19.

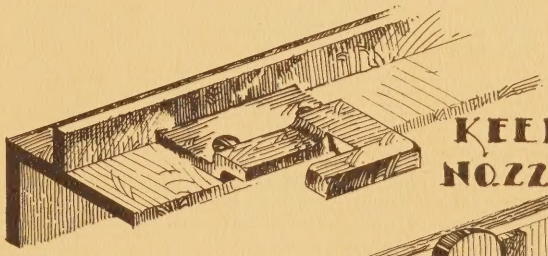


CAM LOCK FASTENER
NO. 4.



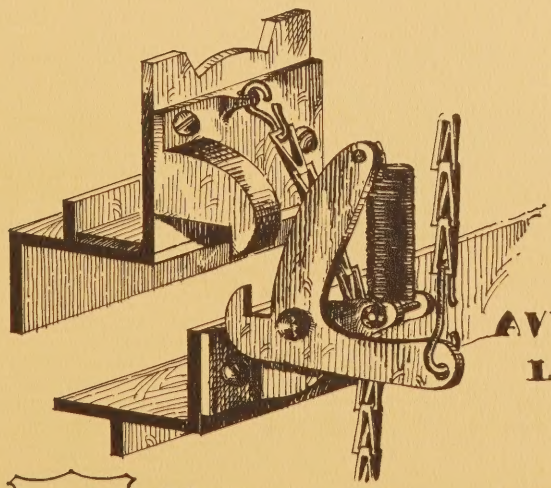
KEEPER
NO. 6.

COMBINATION
LOCK NO. 25.

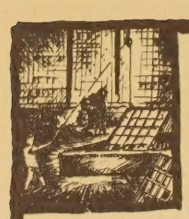


KEEPER
NO. 22.

CAM HANDLE NO. 11.

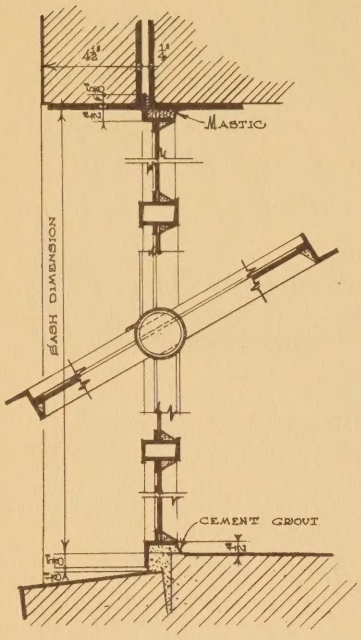


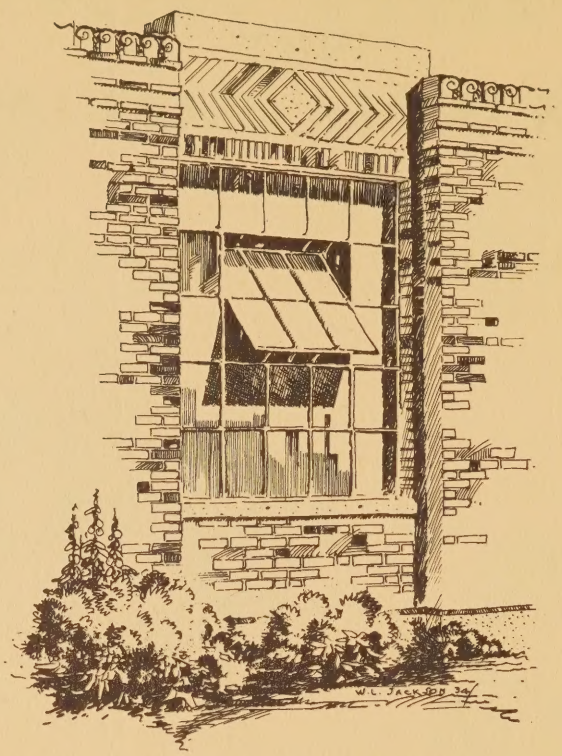
AUTOMATIC
LOCK NO. 14.



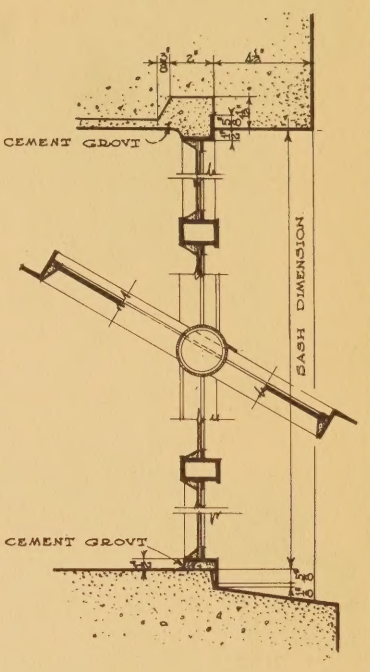
SPECIFICATIONS

HEAVY DUTY





HORIZONTALLY PIVOTED SASH



WORK INCLUDED

1. Furnish where shown on drawings, Mesker Heavy Duty Pivoted Windows as manufactured by the Mesker Brothers Iron Company of Saint Louis, or equal approved by the Architect.

FACTORY DRAWINGS

2. Submit in triplicate for Architect's approval factory drawings showing complete details of construction, hardware, and installation, together with the schedule of windows required.

MATERIALS

3. Metal used shall be (designate either low carbon hot rolled steel or Genuine Wrought Iron, conforming to A. S. T. M. Specifications, A-84-33, Grade B-1), in sections not less than 1/8" thick, nor less than 1 1/2" in depth.

CONSTRUCTION

4. **Glass sizes** shall be (designate either 12" x 18" or 14" x 20").
5. **Corner joints** shall be riveted and solidly welded.
6. **Muntin joints** shall be interlocked and welded, and shall run continuous from jamb to jamb and head to sill.
7. **Pivots** shall be of malleable iron and bronze cup pivot design, using a malleable iron cup and a bronze interior bearing disc. Pivots shall be placed 4" above the center of the ventilator, and shall be perfectly weather-tight.
8. **Weathering members** shall be hot rolled angles at least 1/8" thick in all cases, forming a double contact around the entire perimeter of the ventilator.
9. **Glazing design** of windows shall be such as to permit glazing on the (designate either inside or outside glazing—see Plate WP-3-34).
10. **Mullions** of manufacturers standard solid rolled sections shall be furnished where more than two units occur in one opening. All mullions shall form a double contact with the sash and shall be anchored at both head and sill.
11. **Anchors,** bolts, and clips shall be furnished for anchoring the windows at the jambs, head, and sill where required.

HARDWARE

12. All hardware shall be carefully packed or bundled, so as to prevent damage in shipping.
13. Camlock and push bar hardware assembly shall be furnished for ventilators within reach, and lever type spring catch and chain of approved design shall be furnished for ventilators out of reach. (If bronze hardware is required so designate.)

PROTECTIVE PAINTING

14. All pivoted windows, mullions, hardware, and anchors shall receive one dip coat of rust resisting metallic primer paint at the factory.

SCREENS (If not required, omit.)

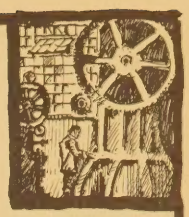
15. All windows as designated shall receive and be prepared for insect screens. Screen frames shall be standard solid steel sections of standard design 3/8" x 5/8", with soft aluminum rewirable spline. Cloth shall be of the standard 16 mesh bronze. Manufacturer shall furnish all clips and bolts necessary for attaching screens to windows in approved manner. (For more detailed specifications, please refer to catalogue on Mesker Screens.

ERECTION

16. All pivoted windows shall be erected by the window manufacturer in prepared openings. Windows shall be set plumb and true, properly aligned and securely anchored before glazing.
17. Ventilators must be adjusted for ease of operation, and for perfect weathering, and hardware shall be applied for this purpose before glazing.

GLASS AND GLAZING

18. Manufacturer shall furnish sufficient spring copper glazing clips, at least four per light.
19. (Include under Glass and Glazing Specifications that the putty used shall be high quality special steel sash putty, that glass shall be well bed-puttied to prevent leakage, and that no single strength glass shall be furnished.)



STANDARD AND SPECIAL SIZES FOR PIVOTED WINDOWS

FOR 12"X18" GLASS BEAD TOP & LEFT

FOR 14"X20" GLASS BEAD BOTTOM & RIGHT

12X18 HORIZONTALLY PIVOTED

HEIGHT	2 LTS 2'-1 5/8"	3 LTS. WIDE 3'-2"				4 LIGHTS WIDE 4'-2 3/8"						5 LIGHTS WIDE 5'-2 3/4"				6 LIGHTS WIDE 6'-3 1/8"				
1'-7 1/4"																				1'-9 1/4"
TYPE	22	31	31130			41			41140			51	51130							TYPE
3'-1 5/8"																				3'-5 5/8"
TYPE	22140	32	32160			42	42140		42180			52	52160			G2	G2180			TYPE
4'-8"																				5'-2"
TYPE	23141	33	33161			43	43141		43181			53	53161			G3	G3181			TYPE
6'-2 3/8"																				6'-10 3/8"
TYPE	24141	34	34161	34162	342602	44	44141		44181	44182		44280 2	54	54161	54162	542602	G4	G4181	G4182	G42802	TYPE
7'-8 3/4"																				8'-6 3/4"
TYPE	25141	35	35162 35161	35163	352603	45	45141	45142	45182 45181	45183		45280 3	55	55162 55161	55163	552603	G5	G5181	G5183 G5182	G52803	TYPE
9'-3 1/8"																				10'-3 1/8"
TYPE		36	36161	36163	362614	46	46141	46143	46181	46183	462414	462814	56	56161	56163	562614	L6	L6181	L6183	L62814	TYPE
10'-9 1/2"																	WINDOWS IN SHADED AREA ARE SPECIAL AND ENTAIL SLIGHT ADDITIONAL COST.				11'-11 1/2"
TYPE		37	37161	37164	372614	47			47181	47184	472414	472814	57	57161	57164	572614					TYPE
	2 LTS 2'-5 3/8"	3 LTS. WIDE 3'-8"				4 LIGHTS WIDE 4'-10 3/8"							5 LIGHTS WIDE 6'-0 3/4"				6 LIGHTS WIDE 7'-3 1/8"				HEIGHT

14X20

ALL DIMENSIONS SHOWN ARE SASH DIMENSION ✓ ●

FOR MEASURING POINTS REFER TO INSTALLATION DETAILS

MESKER BROS IRON CO

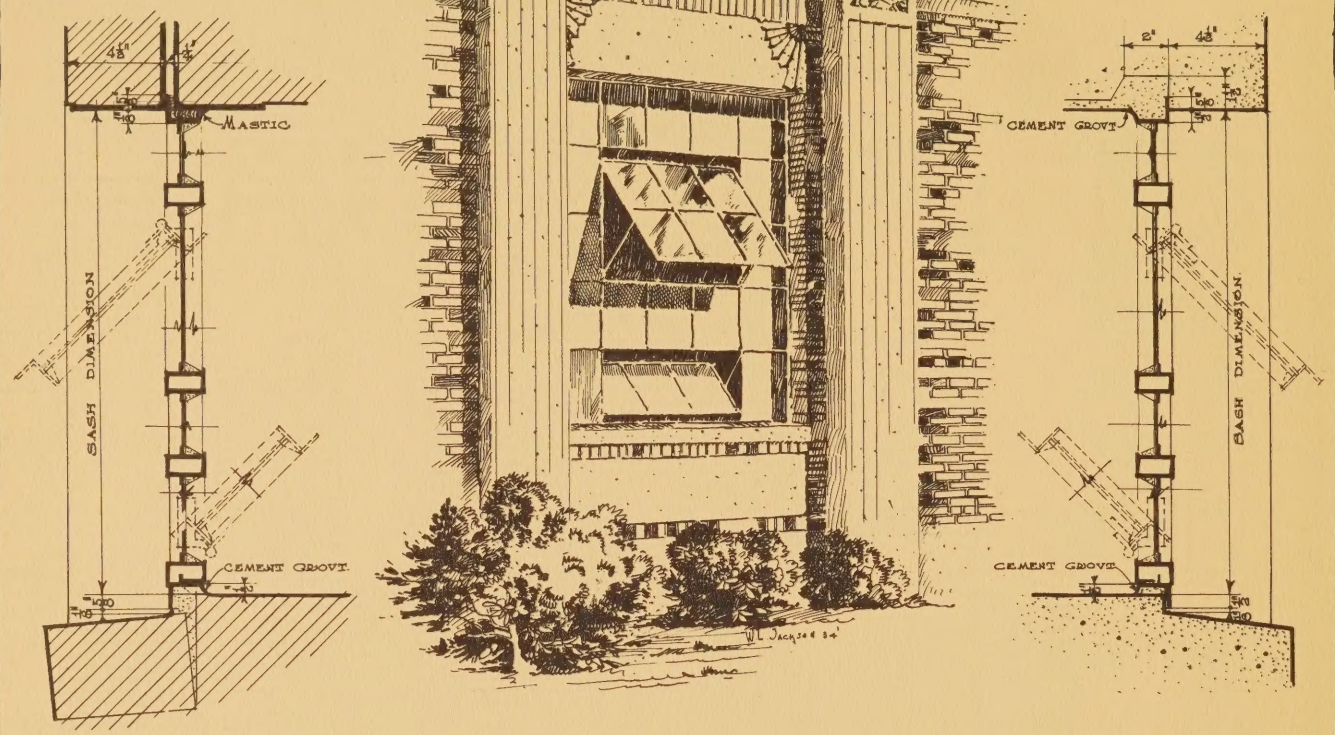
ORIGINATORS OF WROUGHT IRON SASH

PLATE NO WP 17-34

SPECIFICATIONS

HEAVY DUTY

PROJECTED SASH



WORK INCLUDED: 1. Furnish where shown on drawings, Mesker Heavy Duty Projected Windows as manufactured by the Mesker Brothers Iron Company of Saint Louis, or equal approved by the Architect.

FACTORY DRAWINGS: 2. Submit in triplicate for Architect's approval factory drawings showing complete details of construction, hardware, and installation, together with schedule of windows required.

MATERIALS: 3. Metal used shall be (designate either low carbon hot rolled steel or Genuine Wrought Iron, conforming to A. S. T. M. Specifications, A-84-33, Grade B-1), in sections not less than 1/8" thick, nor less than 1 1/2" in depth.

CONSTRUCTION: 4. **Glass sizes** shall be (designate either 12" x 18" or 14" x 20").

5. **Corner joints** shall be riveted and solidly welded.

6. **Muntin joints** shall be interlocked and welded, and shall run continuous from jamb to jamb and head to sill.

7. **Sliding shoes** shall be of bronze, constructed integral with a malleable iron butt hinge, and shall be entirely free from any friction device.

8. **Friction** shall be maintained between the angle side arm and the stationary sash by means of adjustable bronze washers, allowing the ventilator to remain set in any position without affecting the operation of the sliding shoe.

9. **Side arms** shall be made of special hot rolled angles not less than 1/8" thick to insure maximum strength and freedom from racking.

10. **Weathering members** shall be of hot rolled angles at least 1/8" thick in all cases, forming a double contact around the entire perimeter of the ventilator.

11. **Glazing design** of windows shall be such as to permit glazing on the (designate either inside or outside glazing—see Plate WP-3-34).

12. **Mullions** of manufacturers standard rolled sections shall be furnished where more than two units occur in one opening. All mullions shall form a double contact with the sash, and shall be anchored at both head and sill.

13. **Anchors,** bolts, and clips shall be furnished for anchoring the windows at the jambs, head, and sill where required.

HARDWARE: 14. All hardware shall be carefully packed or bundled so as to prevent damage in shipping.

15. Automatic lock and chain shall be furnished for vents out of reach. Standard camlock shall be furnished for vents within reach, (If bronze hardware is required so designate.)

PROTECTIVE PAINTING: 16. All projected windows, mullions, hardware, and anchors shall receive one dip coat of rust resisting metallic primer paint at the factory.

SCREENS (If not required, omit.): 17. All windows as designated shall receive and be prepared for insect screens. Screen frames shall be standard solid steel sections, of standard design 3/8" x 5/8" with soft aluminum rewirable spline. Cloth shall be of the standard 16 mesh bronze. Manufacturer shall furnish all clips and bolts necessary for attaching screens to windows in approved manner. (For more detailed specifications, please refer to catalogue on Mesker Screens.)

ERECTION: 18. All projected windows shall be erected by the window manufacturer in prepared openings. Windows shall be set plumb and true, properly aligned, and securely anchored before glazing.

19. Ventilators must be adjusted for ease of operation, and for perfect weathering, and hardware shall be applied for this purpose before glazing.

GLASS AND GLAZING: 20. Manufacturer shall furnish sufficient spring copper glazing clips, at least four per light.

21. (Include under Glass and Glazing Specifications that the putty used shall be high quality steel sash putty, that the glass shall be well-bed-puttied, and that no single strength glass shall be furnished.)

STANDARD AND SPECIAL SIZES FOR PROJECTED WINDOWS

FOR 12"X18" GLASS READ TOP & LEFT FOR 14"X20" GLASS READ BOTTOM & RIGHT

12"X18" COMMERCIAL PROJECTED

HEIGHT	2 LTS. 2'-1⅝"	3 LIGHTS WIDE 3'-2"					4 LIGHTS WIDE 4'-2⅜"				5 LIGHTS WIDE 5'-2¾"					HEIGHT
3'-1⅝"																3'-5⅝"
TYPE	22140	32160					42140				52160					TYPE
4'-8"																5'-2"
TYPE	23141	33161					43141				53161					TYPE
6'-2⅜"																6'-10⅜"
TYPE	24141	34161	34162	3423602			44141		4422402		54161	54162	5423602			TYPE
7'-8¾"																8'-6¾"
TYPE	25141	35162 35161	35163	3523602	3523603	352603	45141	45142	4522402		55162 55161	55163	5523602	5523603	552603	TYPE
9'-3⅛"																10'-3⅛"
TYPE		36161	36163	3623603		362614	46141	46143	4622403	462414	56161	56163	5623603		562614	TYPE
10'-9½"							WINDOWS IN SHADED AREA ARE SPECIAL AND ENTAIL SLIGHT ADDITIONAL COST.									11'-11½"
TYPE		37161	37164	3723604		372614				472414	57161	57164	5723604		572614	
	2 LTS 2'-5⅝"	3 LIGHTS WIDE 3'-8"					4 LIGHTS WIDE 4'-10⅜"				5 LIGHTS WIDE 6'-0¾"					HEIGHT

14"X20"

ALL DIMENSIONS SHOWN ARE SASH DIMENSIONS • FOR MEASURING POINTS REFER TO INSTALLATION DETAILS • VENTILATORS MAY BE REVERSED BY CHANGING PROJECT IN TO PROJECT OUT WITHOUT INCURRING ADDITIONAL COST.

MESKER BROS IRON CO.

ORIGINATORS OF WROUGHT IRON SASH

PLATE NO. WP 21-34

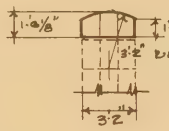
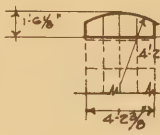
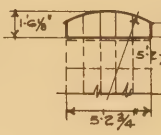
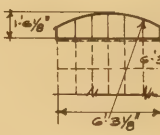
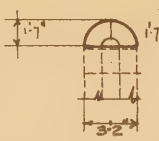
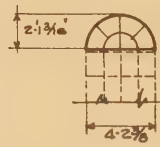
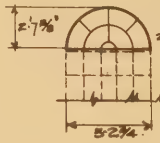
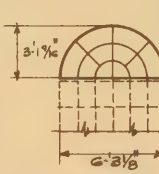
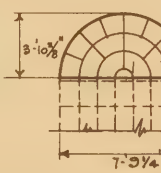
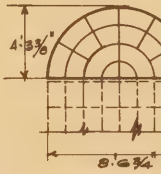
CAMBER & CIRCLE HEAD VNITS

STANDARD SIZES

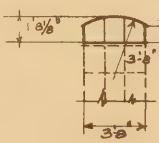
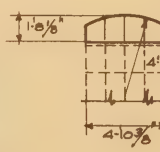
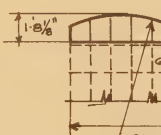
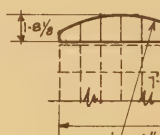
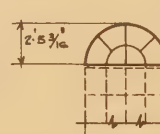
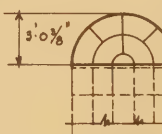
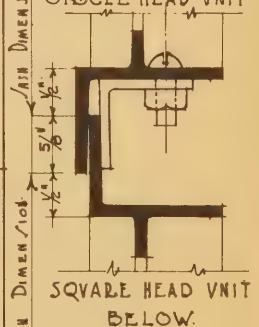
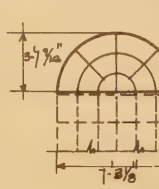
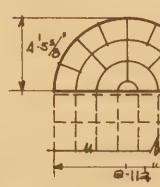
FOR

PIVOTED & PROJECTED WINDOWS

12"X18" GLASS

	TYPE				
CAMBER	TYPE	C31 	C41 	C51 	C61 
SEMI CIRCVLAR	TYPE	S32 	S42 	S53 	HORIZONTAL MVLLION REQVIRED ONLY WITH TYPES S-74 & S-84 [SEE PLATE WP 25-34] OTHER TYPES ARE BOLTED DIRECT TO VNIT BELOW. [SEE DETAIL BELOW FOR METHOD OF CONNECTION]
	TYPE	S63 	S74 	S84 	

14"X20" GLASS

	TYPE				
CAMBER	TYPE	C31 	C41 	C51 	C61 
SEMI CIRCVLAR	TYPE	S32	S42 	S53 	CIRCLE HEAD VNIT  SQVARE HEAD VNIT BELOW.
	TYPE	S63 	S74 	S84	

MESKER BROS IRON CO

ORIGINATORS OF WROVGHT IRON SASH

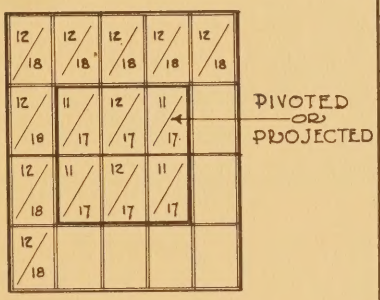
PLATE NO WP 23-34

STANDARD SIZES

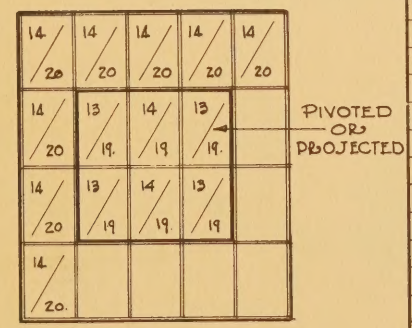
PIVOTED PROJECTED

ALL GLASS SIZES ARE 12X18 OR 14X20 ● VENTILATOR CORNER LIGHTS ARE ONE INCH SHORTER IN BOTH WIDTH & HEIGHT ● VENTILATOR CENTER LIGHTS ARE 12" OR 14" WIDE AND 17" OR 19" HIGH ● CIRCLE & CAMBER LIGHTS CVT TO TEMPLATE ● DO NOT CONFVSE THE GLASS SIZES BY VSING 12"X20" OR 14"X18 IN ANY SASH ● TABLES ARE FOR STANDARD SIZE VNITS ONLY ● TO FIND WIDTHS OF MVLTIPLE VNIT OPENINGS NOT SHOWN IN TABLE ADD 2" TO SASH DIMENSION FOR EACH MVLLION VSED ● FOR HEIGHTS ADD AMOVNT IN HORIZONTAL MVLLION TABLE TO SASH DIMENSIONS FOR EACH MVLLION VSED ●

GLASS SIZES



NOMINAL 12X18

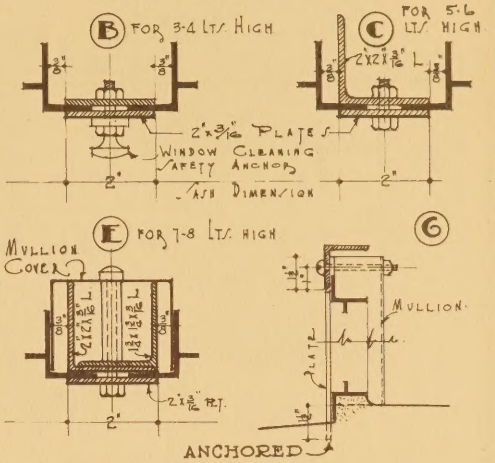


NOMINAL 14X20

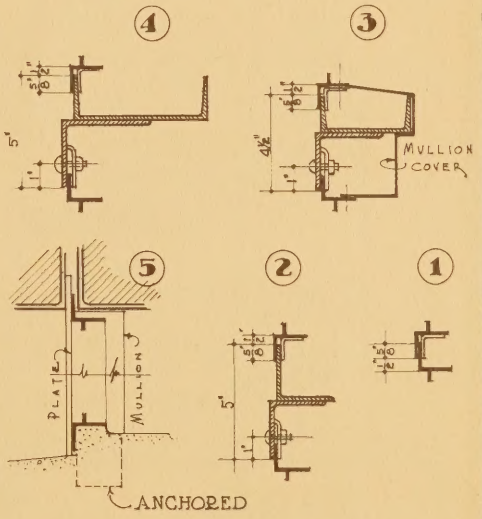
STANDARD HEIGHTS			
NO. LTS.	12X18 GLASS	14X20 GLASS	NO. LTS.
1	1-7¼	1-9¼	1
2	3-1⅝	3-5⅝	2
3	4-8	5-2	3
4	6-2⅜	6-10⅜	4
5	7-8¾	8-6¾	5
6	9-3⅛	10-3⅛	6
7	10-9½	11-11½	7

STANDARD WIDTHS.								
OPENING DIMENSION 12X18 GLASS	TOTAL LTS.	LIGHTS WIDE IN EACH VNIT.						OPENING DIMENSION 14X20 GLASS
2-1⅜	2			2				2-5⅝
3-2	3			3				3-8
4-2⅜	4			4				4-10⅜
4-5¼	4		2		2			5-1¼
5-2¾	5			5				6-0¾
6-3⅛	6			6				7-3⅛
6-6	6		3		3			7-6
7-6⅜	7		4		3			8-8⅜
8-6¾	8		4		4			9-10¾
9-10	9		3	3	3			11-4
10-1½	10		5		5			12-3½
10-10⅜	10		3	4	3			12-6⅜
11-10¾	11		3	5	3			13-8¾
11-10¾	11		4	3	4			13-8¾
12-8¼	12		6		6			14-8¼
12-11⅛	12		4	4	4			14-11⅛
13-2	12		3	3	3	3		15-2
13-11½	13		4	5	4			16-1½
13-11½	13		5	3	5			16-1½
14-11⅞	14		4	6	4			17-3⅛
14-11⅞	14		5	4	5			17-3⅛
15-2¾	14		3	4	4	3		17-6¾
16-0¼	15		5	5	5			18-6¼
16-0¼	15		6	3	6			18-6¼
16-6	15		3	3	3	3	3	19-0
17-0⅝	16		5	6	5			19-8⅝
17-0⅝	16		6	4	6			19-8⅝
17-3½	16		4	4	4	4		19-11½
17-3½	16		3	5	5	3		19-11½
17-6⅜	16		3	3	4	3	3	20-2⅜
18-1	17		6	5	6			20-11
18-6¾	17		3	4	3	4	3	21-4¾
19-1⅜	18		6	6	6			22-1⅜
19-4¼	18		3	6	6	3		22-4¼
19-4¼	18		4	5	5	4		22-4¼
19-7⅛	18		3	4	4	4	3	22-7⅛
20-1½	19		3	5	3	5	3	23-9½
21-5	20		5	5	5	5		24-9
21-5	20		4	6	6	4		24-9
21-7⅛	20		4	4	4	4	4	24-11⅛
21-10¾	20	3	3	4	4	3	3	25-2¾

MVLLIONS



STANDARD VERTICAL MVLLIONS ARE ANCHORED AT BOTH HEAD & SILL ● INNER MEMBER IS BOLTED TO HEAD ANGLE ~ OVTER MEMBER IS ANCHORED IN SILL (SEE ⑥) ● FOR MVLLION CONST RVCTION WITH DOVBLE ANGLE LINTEL ANCHORAGE IS REVERSED (SEE ⑤)



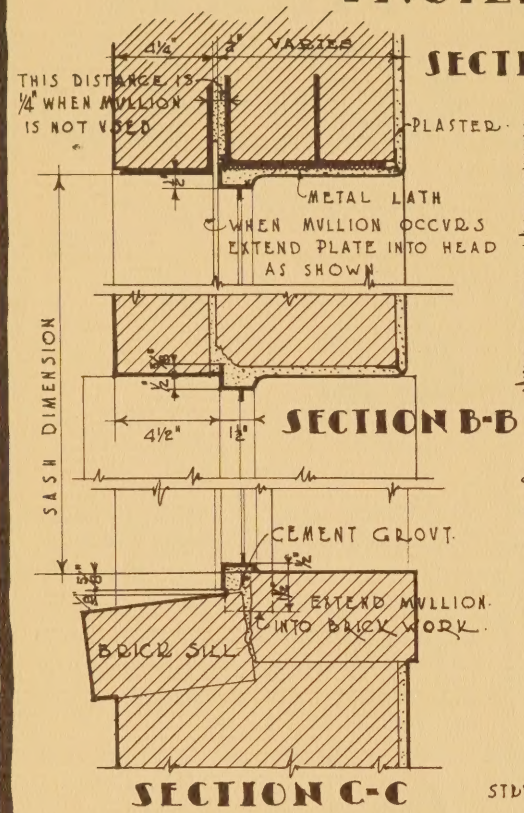
LIGHTS WIDE 12X18	STANDARD HORIZONTAL MVLLIONS. NO.	ANGLES	CHANNELS	HEIGHT	LIGHTS WIDE 14X20
3-5	1	NO. 283 SASH BAR	NONE	⅝	3-5
6-9	2	2-2½ x 2½ x ½"	NONE	5	6-8
10-13	3	1-3x2½x¼	1-4" L.	4¼	9-11
14-18	4	1-4x3x⅜	1-6" L.	5	12-16

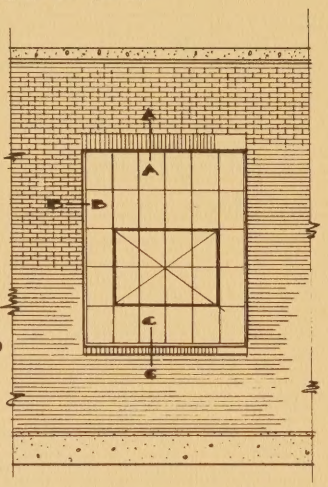
MESKER BROS. IRON CO.

ORIGINATORS OF WROVGHT IRON SASH

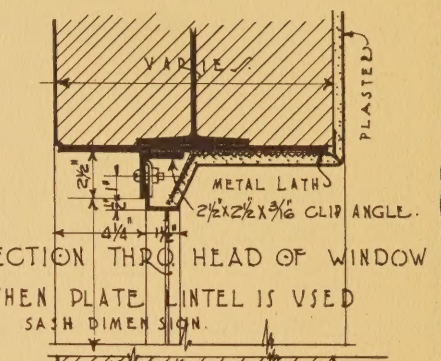
PLATE NO WP 25-34

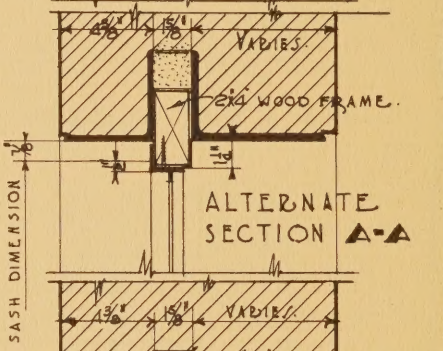
INSTALLATION DETAILS
FOR
PIVOTED & PROJECTED WINDOWS

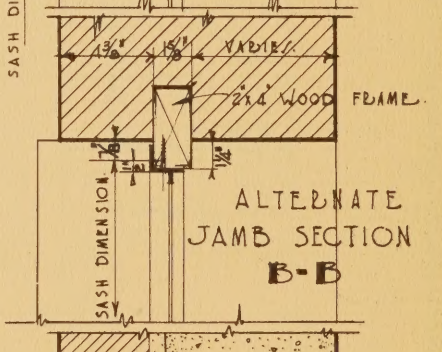


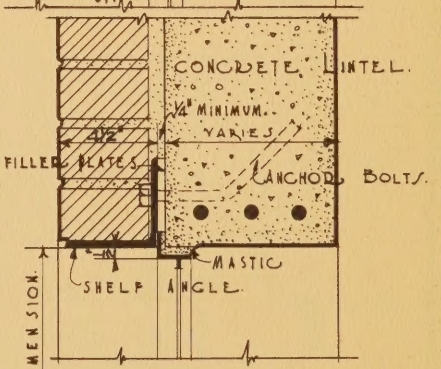


TYPICAL INSTALLATION IN BRICK WALL.

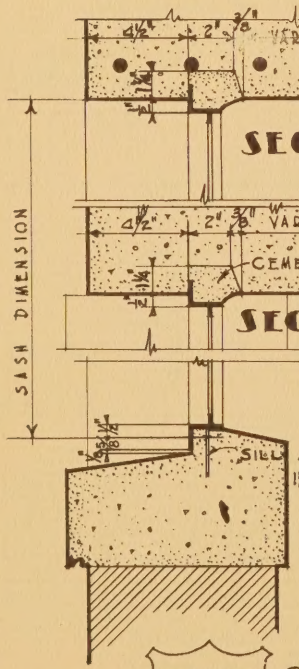




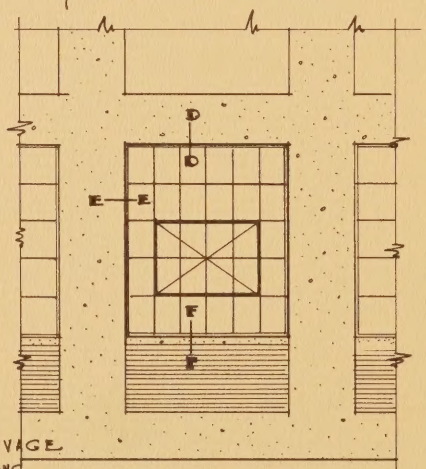




ALTERNATE SECTION A-A



STRUCTURAL SHAPES NOT FURNISHED BY MESKER BROS. IRON CO.



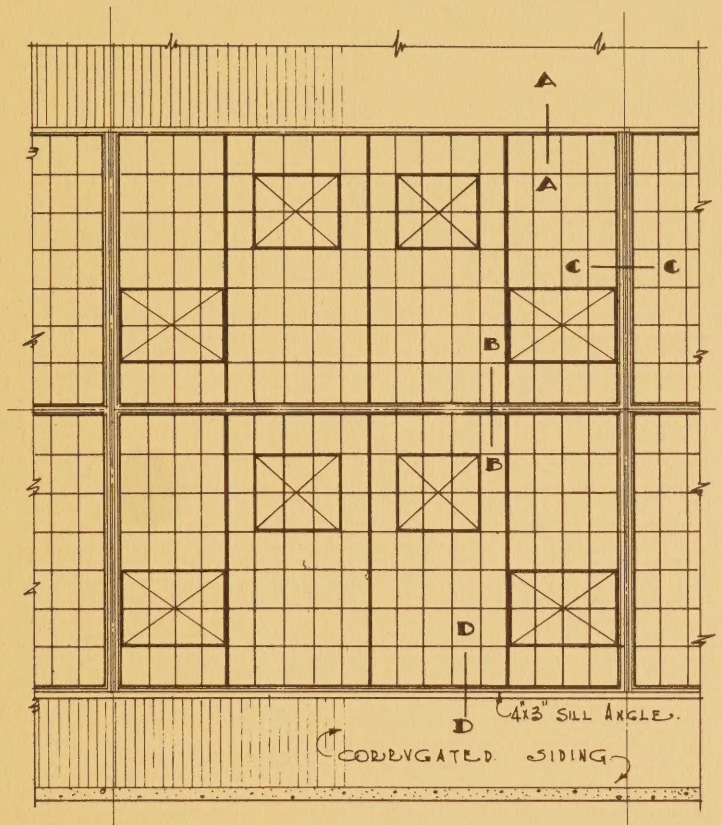
TYPICAL INSTALLATION IN CONCRETE FRAME CONSTRUCTION.

MESKER BROS. IRON CO.

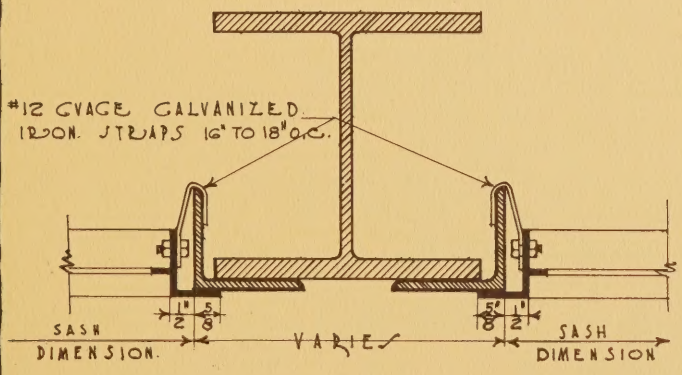
ORIGINATORS OF WROUGHT IRON SASH

PLATE NO. WP 27-34

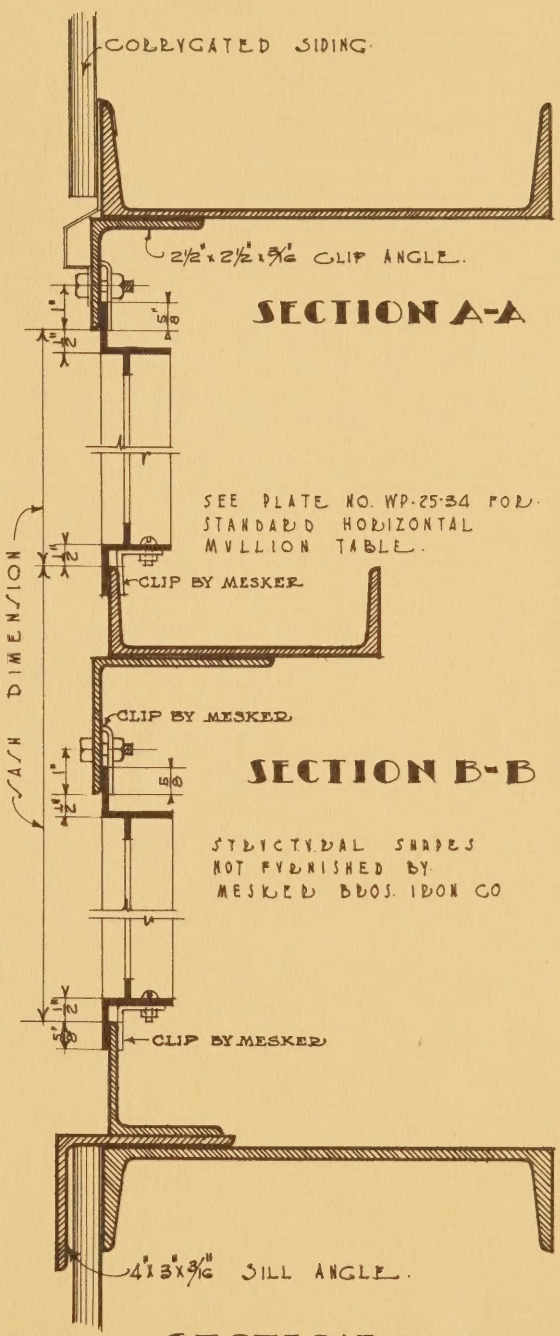
INSTALLATION DETAILS
FOR
PIVOTED & PROJECTED WINDOWS



TYPICAL ELEVATION



SECTION C-C



SECTION D-D

SCALE FOR DETAILS 3"-1'-0"

MESKER BROS IRON CO.

ORIGINATORS OF WROUGHT IRON SASH

PLATE NO. WP 29-34

THIS catalogue covers only one division of the complete line of Mesker Windows, Mesker Doors, and Mesker Screens. Other architectural catalogues on—

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